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Mutation detection with MutH, MutL, and MutS mismatch repair proteins- ▶ [pnas.org](#) [PDF]

J Smith, P Modrich - Proceedings of the National Academy of Sciences, 1996 - National Acad Sciences

Page 1. Proc. Natl. Acad. Sci. USA Vol. 93, pp. 4374-4379, April 1996 Genetics Mutation

detection with MutH, MutL, and MutS mismatch repair proteins ...

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Mutation detection using immobilized mismatch binding protein (MutS)

R Wagner, P Debbie, M Radman - Nucleic acids research, 1995 - Oxford Univ Press

... and might be bound by immobilized **MutS**, either because ... it may be possible to use

immobilized **mismatch binding protein ... human genomic DNA and PCR primer sequences ...**

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Mutation detection by mismatch binding protein, MutS, in amplified DNA: application to the ...-

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A Lishanski, EA Ostrander, J Rine - Proceedings of the National Academy of Sciences, 1994 - National Acad Sciences

... We have established that **MutS** preferentially bound **mismatched** heteroduplexes formed

upon ... MATERIALS AND METHODS **MutS** protein was a ... PCR Primer Design and End Llg. ...

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Methods for detection of point mutations: performance and quality assessment- ▶ [clinchem.org](#)

P Nollau, C Wagener - Clinical chemistry, 1997 - Am Assoc Clin Chem

... to consist of two proteins, the **MutS** homolog hMSH2 ... complementary to alleles with

and without **mismatches** should both ... single nucleotide **primer** extension Principle ...

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Detection of Exon Deletions and Duplications of the Mismatch Repair Genes in Hereditary ...-

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F Charbonnier, G Raux, Q Wang, N Drouot, F ... - Cancer research, 2000 - AACR

... HNPCC families, in which analysis of **mismatch** repair genes ... genes, which are homologues

of **MutS**, and within ... 2 Citation a, using a sense **primer** corresponding to ...

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Detection of mutations by cleavage of DNA heteroduplexes with bacteriophage resolvases

RD Mashal, J Koontz, J Sklar - Nature genetics, 1995 - nature.com

... J. Mutation **detection by mismatch binding protein ... R. & Baumberg, S. MutS binding**

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Detection of rare K-ras codon 12 mutations using allele-specific competitive blocker PCR

PB McKinzie, BL Parsons - Mut. Res.-Genetic Toxicology and Environmental ..., 2002 - Elsevier

... wild-type DNA, and a combination of **MutS** (DNA mismatch ... selection is based on 3'-terminal

mismatches that are ... were LD1 (Table 1) and a **primer** complementary to ...

Cited by 27 - Related articles - All 4 versions

A MutS-based protein chip for detection of DNA mutations- ▶ [whioiv.ac.cn](#) [PDF]

LJ Bi, YF Zhou, XE Zhang, JY Deng, ZP Zhang ... - Anal. Chem, 2003 - pubs.acs.org